

In the claims:

Claims 1-11 are herein canceled. New claims 12-23 are provided below for examination.

1-11. (Canceled)

12. (New) A method for automatically generating a new data processing batch program comprising:

- (a) identifying an invariable part of all data processing batch programs
- (b) inserting in the invariable part one or more place-marks where one or more variable parts will need to be inserted;
- (c) identifying at least one declarative specification of the new data processing batch program in the form of a model;
- (d) generating necessary variable portions of the new data processing batch program using the at least one model; and
- (e) inserting the variable portions into the invariable part at the place-marks.

13. (New) The method of claim 12 wherein a meta model is defined to specify a data processing batch program in the form of a model

14. (New) The method of claim 12 wherein the modeling language is an extension of unified modeling language.

15. (New) The method of claim 12 wherein in steps (d) and (e) are automated.

16. (New) The method of claim 12 wherein the variable portions include functions of the new data processing batch program.

17. (New) The method of claim 16 wherein the functions include at least a restart function.
18. (New) A system for specifying a new data processing batch program, comprising:
 - a software instance operating on a computer readable medium comprising;
 - an invariable part of all data processing batch programs presented as an extensible code library;
 - at least one place-mark positioned at a point in the invariable part;
 - at least one necessary variable part for insertion into the invariable part; and
 - a model representing one declarative specification of the new batch program;
 - wherein the necessary variable parts are generated using a model and the generated variable parts are inserted into the invariable portion at the place-mark.
19. (New) The system of claim 16 wherein the model conforms to the meta model defined to specify a data processing batch program.
20. (New) The method of claim 17 wherein the modeling language is an extension of unified modeling language.
21. (New) The method of claim 12 wherein in steps (d) and (e) are automated.
22. (New) The method of claim 18 wherein the variable portions are specific functions of the new batch program.
23. (New) The method of claim 22 wherein the functions include at least a restart function.